

Focus Area 15: Injury and Violence Prevention

Objective 15-5 calls for reduction in the hospitalization rate for nonfatal firearm-related injuries admitted via emergency room (ER) to 8.6 per 100,000 population.

Hospital discharge data for 2000 indicates a total of 3,987 discharges with a principal diagnosis of nonfatal firearm-related injury among California residents, which translates to a rate of 11.3 hospitalizations per 100,000 population (Figure 15-5, Table 15-5). Data for 2001 show 3,858 discharges at a rate of 10.7 per 100,000; data for 2002 show 4,306 discharges at a rate of 11.8 per 100,000; and data for 2003 show 4,257 discharges at a rate of 11.5 per 100,000. These rates are significantly higher than the HP2010 target.

The nonfatal firearm-related injury hospitalization rates for males (20.3 per 100,000 in 2003) were nearly ten times greater than the rates for females (2.2 per 100,000 in 2003). This HP2010 objective is being met for females, but not for males.

Firearm-related injury hospitalization rates among males aged 15-24 (73.0 per 100,000 in 2003) were eight to nine times greater than the HP2010 objective of 8.6 per 100,000 population.

Examined by race and ethnicity, the highest nonfatal firearm-related injury hospitalization rates were found for African Americans/Blacks (51.4 per 100,000 in 2000 to 47.4 per 100,000 in 2003). The next highest rates were found for Hispanics/Latinos (13.3 per 100,000 in 2000 to 12.8 per 100,000 in 2003). Hospitalization rates for American Indians/Alaska Natives were unreliable due to the small number of events. This HP2010 objective is being met only for Whites and for Asians/Pacific Islanders as of 2003.

For more information on nonfatal firearm-related injuries, visit the CDHS Chronic Diseases and Injury Control (CDIC) Web site at: <http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) Web site at: <http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-5, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-5
Nonfatal Firearm-Related Injury Hospitalizations
Admitted via Emergency Room
California, 2000-2003

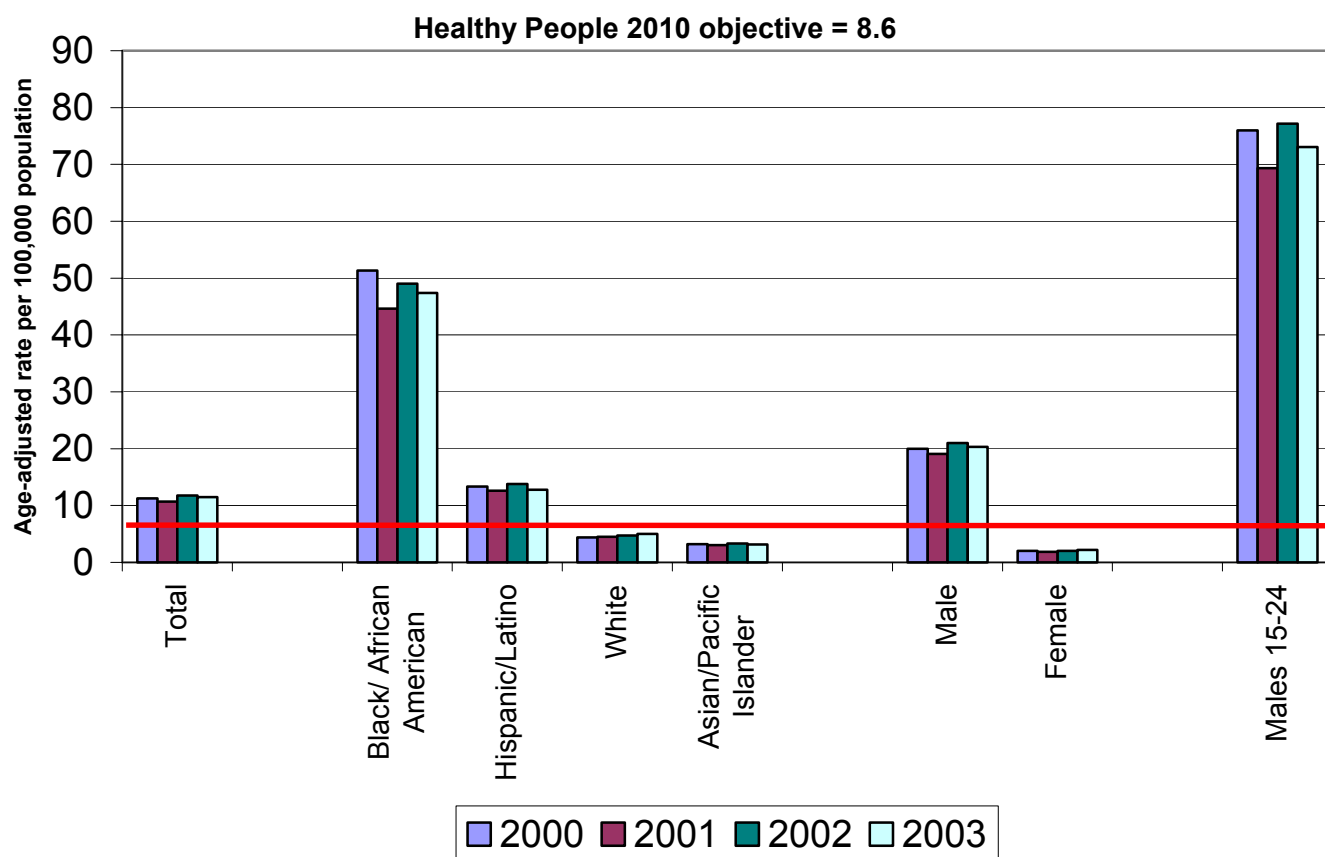


Table 15-5
Nonfatal Firearm-Related Injury Hospitalizations Admitted Via Emergency Room
California, 2000-2003

Nonfatal Firearm-Related Injury Hospitalizations*			2000		2001			
	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		8.6				8.6		
CALIFORNIA TOTAL	3,987	11.3	10.9	11.6	3,858	10.7	10.4	11.0
Race-Ethnicity								
American Indian/Alaska Native	6	DSU	-----	-----	7	DSU	-----	-----
Asian/Pacific Islander	134	3.2	2.7	3.8	126	3.0	2.5	3.6
Black/African American	1,211	51.4	48.5	54.3	1,080	44.6	42.0	47.3
Hispanic/Latino	1,801	13.3	12.7	14.0	1,764	12.6	12.0	13.2
White	671	4.4	4.1	4.8	681	4.5	4.2	4.8
Gender								
Female	349	2.0	1.8	2.2	326	1.9	1.7	2.1
Male	3,638	20.0	19.4	20.7	3,532	19.1	18.5	19.7
Selected Populations²								
Males aged 15-24	1,924	76.0	72.6	79.4	1,792	69.3	66.1	72.5

Nonfatal Firearm-Related Injury Hospitalizations*			2002		2003			
	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		8.6				8.6		
CALIFORNIA TOTAL	4,306	11.8	11.4	12.1	4,257	11.5	11.2	11.8
Race-Ethnicity								
American Indian/Alaska Native	9	DSU	-----	-----	12	DSU	-----	-----
Asian/Pacific Islander	143	3.3	2.8	3.9	131	3.1	2.6	3.7
Black/African American	1,217	49.0	46.3	51.8	1,214	47.4	44.7	50.0
Hispanic/Latino	1,998	13.8	13.2	14.4	1,923	12.8	12.2	13.4
White	710	4.7	4.4	5.1	747	5.0	4.7	5.4
Gender								
Female	358	2.0	1.8	2.2	389	2.2	2.0	2.4
Male	3,948	21.0	20.3	21.7	3,868	20.3	19.7	21.0
Selected Populations²								
Males aged 15-24	2,031	77.2	73.8	80.5	1,966	73.0	69.8	76.3

Sources: CA Department of Health Services, OSHPD Patient Discharge Data, 2000-2003;
CA Department of Finance, Demographic Research Unit, Population Projections for California and Its
Counties 2000-2050, May 2004.

Notes: * ICD-9-CM codes E922.0-E922.9, E955.0-E955.4, E965.0-E965.4, E970, E985.0-E985.4;
Principal E-code plus four (4) Other E-codes.

¹ Rate per 100,000 population, age-adjusted using the 2000 US Population Standard.

² Age- and sex-specific rate per 100,000 population.

DSU Data statistically unreliable based on small number of events.